



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	ATTENTION

Area  
**Store 4 - Fairmont**  
 Machine Id  
**PRIME TECH PT-300 PT-300-00837**  
 Component  
**Hydraulic System**  
 Fluid  
**ISO 46 (95 GAL)**

**RECOMMENDATION**

We recommend you service the filters on this component. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0046729	---	---
Sample Date		Client Info		26 Jan 2024	---	---
Machine Age	hrs	Client Info		313	---	---
Oil Age	hrs	Client Info		313	---	---
Filter Age	hrs	Client Info		313	---	---
Oil Changed		Client Info		Not Chngd	---	---
Filter Changed		Client Info		Not Chngd	---	---
Sample Status				ABNORMAL	---	---

**WEAR**

All component wear rates are normal.

PQ		ASTM D8184		7	---	---
Iron	ppm	ASTM D5185m	>20	4	---	---
Chromium	ppm	ASTM D5185m	>10	<1	---	---
Nickel	ppm	ASTM D5185m	>10	0	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>10	2	---	---
Lead	ppm	ASTM D5185m	>10	<1	---	---
Copper	ppm	ASTM D5185m	>75	3	---	---
Tin	ppm	ASTM D5185m	>10	<1	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

**CONTAMINATION**

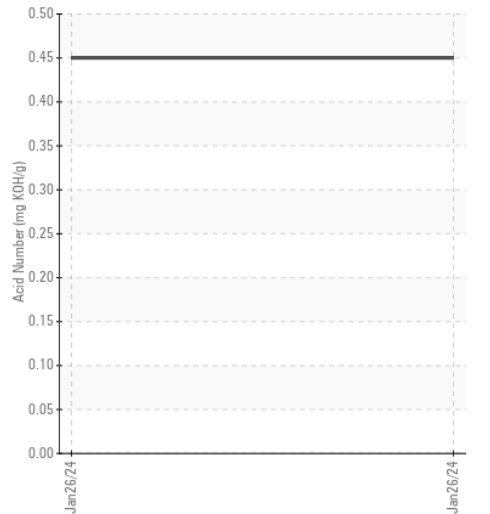
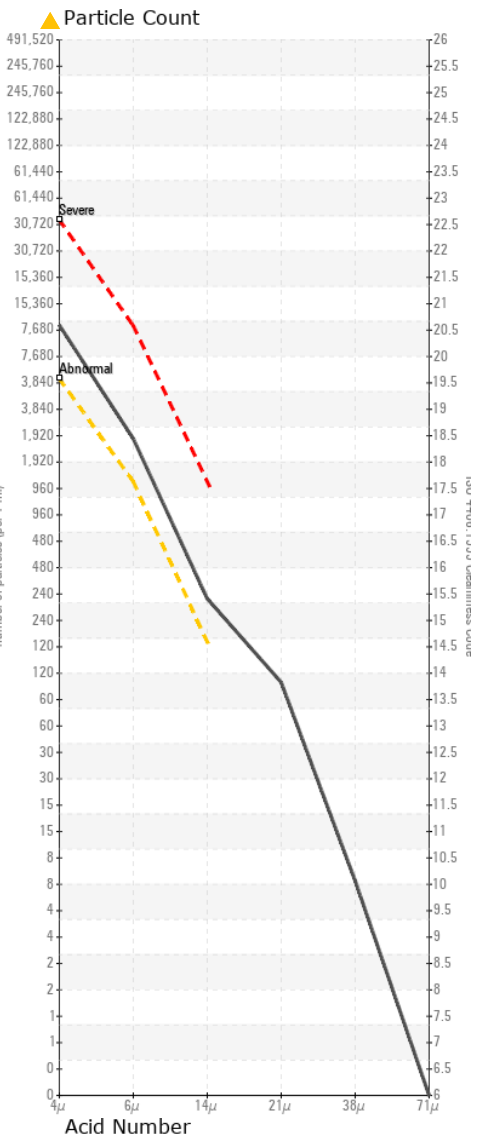
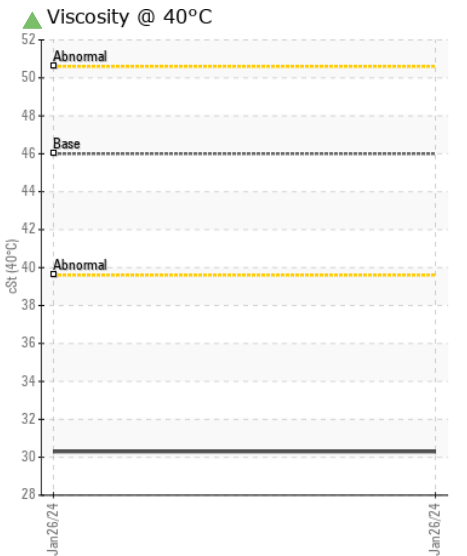
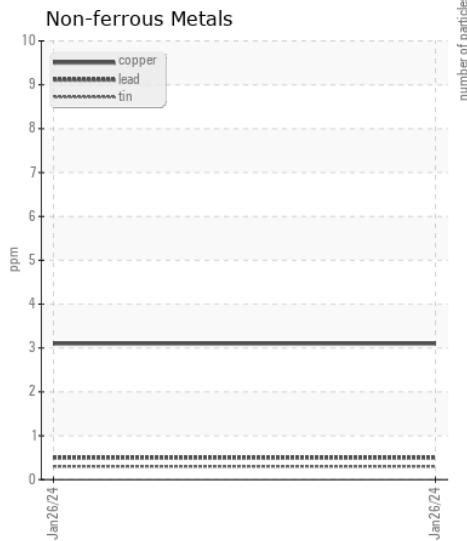
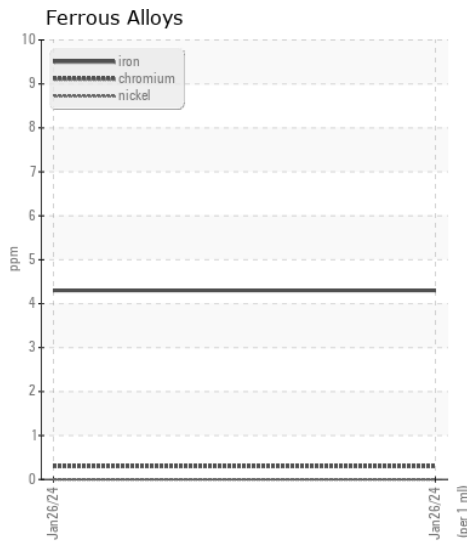
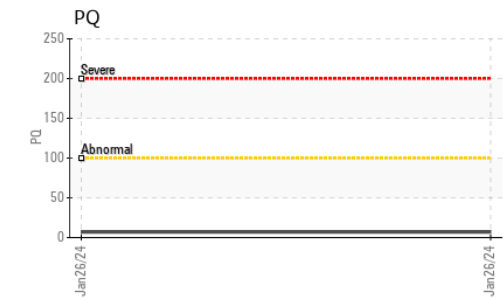
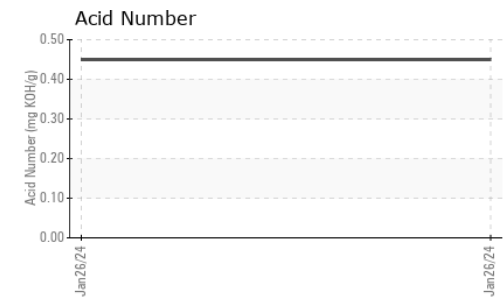
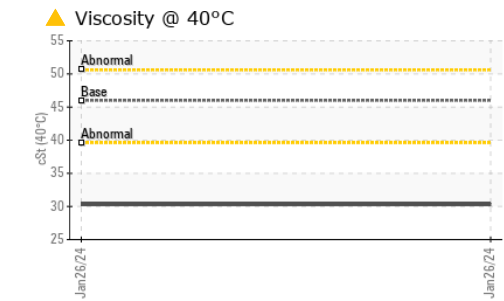
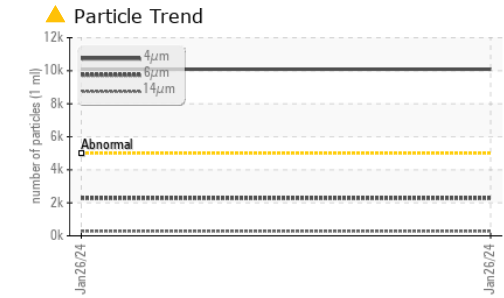
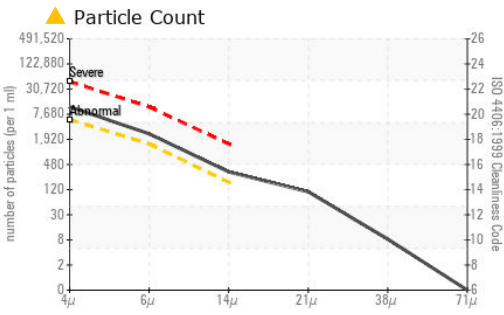
There is a high amount of particulates present in the oil.

Silicon	ppm	ASTM D5185m	>20	2	---	---
Potassium	ppm	ASTM D5185m	>20	2	---	---
Water		WC Method	>0.1	NEG	---	---
Particles >4µm		ASTM D7647	>5000	▲ 10088	---	---
Particles >6µm		ASTM D7647	>1300	▲ 2280	---	---
Particles >14µm		ASTM D7647	>160	▲ 281	---	---
Particles >21µm		ASTM D7647	>40	▲ 94	---	---
Particles >38µm		ASTM D7647	>10	7	---	---
Particles >71µm		ASTM D7647	>3	0	---	---
Oil Cleanliness		ISO 4406 (c)	>19/17/14	▲ 21/18/15	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.1	NEG	---	---

**FLUID CONDITION**

The oil viscosity is lower than normal. Confirm oil type. The AN level is acceptable for this fluid.

Sodium	ppm	ASTM D5185m		0	---	---
Boron	ppm	ASTM D5185m		0	---	---
Barium	ppm	ASTM D5185m		0	---	---
Molybdenum	ppm	ASTM D5185m		<1	---	---
Manganese	ppm	ASTM D5185m		0	---	---
Magnesium	ppm	ASTM D5185m		2	---	---
Calcium	ppm	ASTM D5185m		265	---	---
Phosphorus	ppm	ASTM D5185m		310	---	---
Zinc	ppm	ASTM D5185m		453	---	---
Sulfur	ppm	ASTM D5185m		1237	---	---
Acid Number (AN)	mg KOH/g	ASTM D8045		0.45	---	---
Visc @ 40°C	cSt	ASTM D445	46.0	▲ 30.3	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
 Sample No. : LEC0046729 Received : 30 Jan 2024  
 Lab Number : 06074604 Tested : 31 Jan 2024  
 Unique Number : 10856695 Diagnosed : 31 Jan 2024 - Doug Bogart  
 Test Package : CONST ( Additional Tests: PQ )

LESLIE EQUIPMENT COMPANY  
 105 TENNIS CENTER DR.  
 MARIETTA, OH  
 US 45750-9765  
 Contact: LEANNE KENDALL  
 KendalLeanne@lec1.com

To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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